

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

C 150007
List PWS ID #s for all Water Systems Covered by this CCR

Ha Z / Lhurst Water Supply Name

The F confid must b	ederal Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a consumer ence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.
	Answer the Following Questions Regarding the Consumer Confidence Report
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper On water bills Other
	Date customers were informed: 5/25///
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
	Date Mailed/Distributed://
	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper: Copic h Codvice
	Date Published: 5 /25/1/
	CCR was posted in public places. (Attach list of locations)
	Date Posted:/_/
	CCR was posted on a publicly accessible internet site at the address: www
CERTI	FICATION
hereby he form onsister Departm	certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in and manner identified above. I further certify that the information included in this CCR is true and correct and is not with the water quality monitoring data provided to the public water system officials by the Mississippi State tent of Health, Bureau of Public Water Supply.
S.Lo Name/I	Mile (President, Mayor, Owner, etc.) 5-3/-1/ Date
	Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

570 East Woodrow Wilson • Post Office Box 1700 • Jackson, Mississippi 39215-1700 601/576-7634 • Fax 601/576-7931 • www.HealthyMS.com

2011 MAY 18 PH 1: 02

2010 Annual Drinking Water Quality Report City of Hazlehurst PWS#:0150007 May 2011

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Catahoula Formation Aquifer.

If you have any questions about this report or concerning your water utility, please contact Lloyd Hillard at 601.954.3656. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the first Tuesday of the month at 6:00 PM at the City Hall.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the City of Hazlehurst have received a moderate ranking in terms of susceptibility to contamination.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2010. In cases where monitoring wasn't required in 2010, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples Exceeding	or Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contan	inants		MCL/ACL/MRDL				1
10. Barium	N	2008*	.023	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2010		No Range	ppb	100	100	
16. Fluoride**	N	2010	1.44	.93 – 1.44	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2010	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008*	.439	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfectio	n By-P	roducts						
Chlorine	N	2010	1.08 1	– 1.3 рр	m	0 MRI		Water additive used to control microbes

^{*} Most recent sample. No sample required for 2010.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the City of Hazlehurst is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride samples results were within the optimal ranger of 0.7 - 1.3 ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7 - 1.3 ppm was 91%.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The City of Hazlehurst works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

^{**} Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.7 - 1.3 mg/l.

Copiah County Courier

NEWSPAPER ADVERTISING — PRINTING — OFFICE SUPPLIES — GRAPHIC DESIGN P.O. Drawer 351 • 103 S. Ragsdale Ave. • Hazlehurst, MS 39083 • 601-894-3141 • fax 601-894-3144

PROOF OF PUBLICATION

STATE OF MISSISSIPPI COUNTY OF COPIAH

Personally came to me, the undersigned, authority in and for COPIAH COUNTY, Mississippi the CLERK of the COPIAH COUNTY COURIER, a newspaper published in the City of Hazlehurst, Copiah County, in said state, who, being duly sworn, deposes and says that the COPIAH COUNTY COURIER is a newspaper as defined and prescribed in Senate Bill No. 203 enacted in the regular session of the Mississippi Legislature of 1948, amended Section 1858, of the Mississippi Code of 1942, and that the publication of a notice, of which the annexed is a

true copy appeared in the issues of said newspaper as follows:

DATE:5	-25-11
DATE:	
DATE:	
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DATE:	
Number of Words	41.25
Published $_$ \bot t	imes
Printer's fee	\$ 280.50
Proof Fee	\$ 3.00
TOTAL	\$ 28350
(Signed)	ah County Courier)
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Inorganie	Contam	inants	1.0111	160(6)				
10 Banum	н	2006*	023	No Renge	pom	2	2	Discharge of drilling wastes, discharge from metal refinence, erosion of natural deposits
13. СМотеят	l N	2010		No Range	ppb	100	100	Discharge from sized and pulp this, prospor of natural deposits
16 Fluoride**	l"	2019	144	93 - 1 44	ppm	•	•	Erosion of natural deposits, water additive which promotes along tooth: discharge from fertimer an aluminum factories.
17. Lead	N	2010	1	0	pob	0	ALAIS	Corresion of household purnting systems, erosion of natural deposits.
21 Selenum	N	2008*	439	Na Range	199b	50	50	Discharge from petroleum and metal refrieres, erosion of natura deposes, discharge from mines.
Disinfectio	n By-Pr	oducts						
Chipdine	N 2	010 1	ca 1	-1.3 ppm		0 MHC	(= 4 Y	Vater additions used to control

Most recent sample. No sample required for 2016.
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